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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/561,124
Filing Date	June 15, 2006
First Named Inventor	Mordechay BEYAR et al
Art Unit	
Examiner Name	

Sheet 1 of 7 Attorney Docket Number 35033

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date DD-MMM-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
1	1,175,530		14-Mar-1916	Kirchhoff	
2	2002/0068939		06-Jun-2002	Levy et al.	
3	2002/0068974		06-Jun-2002	Kuslich et al.	
4	2002/0191487		19-Dec-2002	Sand	
5	2003/0109883		12-Jun-2003	Matsuzaki et al.	
6	2003/0174576		18-Sep-2003	Tague et al.	
7	2003/040718		27-Feb-2003	Kust et al.	
8	2004/0167625		26-Aug-2004	Beyar et al.	
9	2004/0236313		25-Nov-2004	Klein	
10	2004/0260303		23-Dec-2004	Carrison	
11	2004/054377		18-Mar-2004	Foster et al.	
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13	2005/0083782		21-Apr-2005	Gronau et al.	
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28	4,185,072		22-Jan-1980	Puderbaugh et al.	
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Sheet		2	Of	7	Attorney Docket Number	35033
U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code ² (if known)				
	30	4,309,777	12-Jan-1982	Patil		
	31	4,313,434	02-Feb-1982	Segal		
	32	4,346,708	31-Aug-1982	LeVeen et al.		
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	37	4,554,914	26-Nov-1985	Kapp et al.		
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	60	5,302,020	12-Apr-1994	Kruse	
	61	5,303,718	19-Apr-1994	Kajicek	
	62	5,333,951	02-Aug-1994	Wakoh	
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	64	5,348,391	20-Sep-1994	Murray	
	65	5,415,474	16-May-1995	Nelson et al.	
	66	5,423,850	13-Jun-1995	Berger	
	67	5,445,639	29-Aug-1995	Kuslich et al	
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	70	5,494,349	27-Feb-1996	Seddon	
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	73	5,522,816	04-Jun-1996	Dinello et al.	
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	80	5,591,197	07-Jan-1997	Orth et al.	
	81	5,601,557	11-Feb-1997	Hayhurst	
	82	5,645,598	08-Jul-1997	Brosnahan III	
	83	5,658,310	19-Aug-1997	Berger	
	84	5,702,448	30-Dec-1997	Buechel et al.	
	85	5,704,895	06-Jan-1998	Scott et al.	
	86	5,782,713	21-Jul-1998	Yang	
	87	5,842,785	01-Dec-1998	Brown et al.	
	88	6,149,664	21-Nov-2000	Kurz	
	89	6,161,955	19-Dec-2000	Rademaker	

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		Number-Kind Code ² (if known)				
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	91	6,214,016	10-Apr-2001	Williams et al.		
	92	6,224,604	01-May-2001	Suddaby		
	93	6,228,082	08-May-2001	Baker et al.		
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	95	6,241,734	05-Jun-2001	Scribner et al.		
	96	6,264,659	24-Jul-2001	Ross et al.		
	97	6,348,055	19-Feb-2002	Preissman		
	98	6,383,188	07-May-2002	Kuslich et al.		
	99	6,383,190	07-May-2002	Preissman		
	100	6,613,054	02-Sep-2003	Scribner et al.		
	101	6,662,969	16-Dec-2003	Peeler et al.		
	102	6,875,219	05-Apr-2005	Arramon et al		
	103	6,957,747	25-Oct-2005	Peeler et al.		
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	105	6,994,465	07-Feb-2006	Tague et al.		
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	107	7,097,648	29-Aug-2006	Globerman et al.		
	108	817,973	17-Apr-1906	Hausmann		
	109	Des. 279,499	02-Jul-1985	Case		
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Examiner Initials*	Cite No. ¹	Foreign Patent Documents	Publication Date DD-MMM-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	110	EP 0177781	16-Apr-1986	Draenert		
	111	JP 02-122017	09-May-1990	Watanabe et al.		
	112	JP 02-166235	26-Jun-1990	Serio et al.		
	113	EP 0235905	09-Sep-1987	Al-Rawi		
	114	EP 0475077	18-Mar-1992	Gogolewski et al.		
	115	EP 0493789	08-Jul-1992	Mudr		
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	117	RU 1011119	15-Apr-1983	Edinak		
	118	RU 1049050	23-Oct-1983	Drobotun et al.		
	119	EP 1074231	07-Feb-2001	Al-Assir		
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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	120	EP 1464292	06-Oct-2004	Dimauro et al.		
	121	GB 2114005	17-Aug-1983	Baumgart et al.		
	122	GB 2197691	25-May-1988	Bron		
	123	FR 2629337	04-Oct-1989	Bigan		
	124	FR 2674119	25-Sep-1992	De La Caffifière		
	125	DE 2821785	22-Nov-1979	Dawidowski		
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	127	JP 54-009110	23-Jan-1979	Oomine		
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	136	WO 2004/019810	11-Mar-2004	Smith et al.		
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	140	WO 2005/032326	14-Apr-2005	Beyar et al.		
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	143	WO 2007/148336	27-Dec-2007	Globerman et al.		
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	145	WO 90/00037	11-Jan-1990	Michelson		
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	147	WO 95/13862	26-May-1995	Murray		
	148	WO 96/11643	25-Apr-1996	Ray et al.		
	149	WO 96/19940	04-Jul-1996	Zinger		
	150	WO 96/37170	28-Nov-1996	Biedermann et al.		
	151	WO 97/28835	14-Aug-1997	Lang		
	152	WO 99/18894	22-Apr-1999	Preissman		

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
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	153	Baroud et al. "Injection Biomechanics of Bone Cements Used in Vertebroplasty", Biomedical Materials and Engineering, 00: 1-18, 2004.			
	154	Canale et al. "Campbell's Operative Orthopaedics - Volume three - Ninth edition", Mosby: P. 2097, 2121, 2184-2185, 2890-2896, 1998. Abstract.			
	155	Cole et al. "AIM Titanium Humeral Nail System", Surgical Technique, DePuy Orthopedics, 17 P., 2000.			
	156	Edeland "Some Additional Suggestions for An Intervertebral Disc Prothesis", Journal of Biomedical Engineering, XP008072822, 7(1): 57-62, January 1985. Figs.3a-3d.			
	157	Heini et al. "The Use of A Side-Opening Injection Cannula in Vertebroplasty", Spine, 27(1): 105-109, 2002.			
	158	Hernandez et al. "Influence of Powder Particle Size Distribution on Complex Viscosity and Other Properties of Acrylic Bone Cement for Vertebroplasty and Kyphoplasty", Journal of Biomedical Materials Research, Part. B: Applied Biomaterials, 77B: 98-103, 2006.			
	159	Ishikawa et al. "Effects of Neutral Sodium Hydrogen Phosphate on Setting Reaction and Mechanical Strength of Hydroxyapatite Putty", Journal of Biomedical Materials Research, 44: 322-329, 199.			
	160	Ishikawa et al. "Non-Decay Type Fast-Setting Calcium Phosphate Cement: Hydroxyapatite Putty Containing An Increased Amount of Sodium Alginate", Journal of Biomedical Materials Research, 36: 393-399, 1997.			
	161	Krause et al. "The Viscosity of Acrylic Bone Cements", Journal of Biomedical Materials Research, 16: 219-243, 1982.			
	162	Lewis "Properties of Acrylic Bone Cement: State of the Art Review", Journal of Biomedical Materials Research" Applied Biomaterials, 38(2): 155-182, 1997. P.158, § Viscosity, Table II.			
	163	Lewis "Toward Standardization of Methods of Determination of Fracture Properties of Acrylic Bone Cement and Statistical Analysis of Test Results", Journal of Biomedical Research: Applied Biomaterials, 53(6): 748-768, 2000.			
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	165	Steen "Laser Surface Treatment", Laser Material Processing, Springer, 2nd Ed., Chap.6: 218-271, 2003.			
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